

P Series Non-coat Gun Barrel Drill Overall Length 38.1 x Shank Diameter 3.175 mm



Size  $\phi 0.02 \sim \phi 0.1$  Refer to page 23 for material applications.

# PMD STD

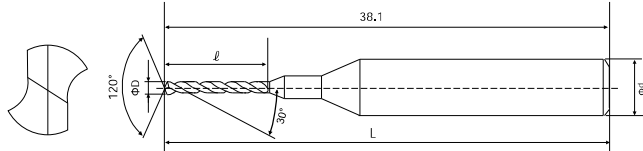
h4 tolerance

3.175 shank

Shrink-fit compatible

## Features

Flute length L/D 10D  
Diameter tolerance 0/-3  $\mu\text{m}$   
4-facet drill point



Total 17 models

Unit (mm)

Product code	Model Number	Diameter $\phi D$	Diameter tolerance	Flute length $l$	Overall length L	Shank Diameter $\phi d$	Suggested Retail Price $\text{¥}$
140-0001	PMD STD 0.02 x 0.2	0.020	+0.000/-0.003	0.2	38.1	3.175	28,000
140-0002	PMD STD 0.025 x 0.3	0.025		28,000			
140-0003	PMD STD 0.03 x 0.3	0.030		16,100			
140-0004	PMD STD 0.035 x 0.4	0.035		16,100			
140-0005	PMD STD 0.04 x 0.4	0.040		14,800			
140-0006	PMD STD 0.045 x 0.5	0.045		14,800			
140-0007	PMD STD 0.05 x 0.5	0.050		13,500			
140-0008	PMD STD 0.055 x 0.6	0.055		13,500			
140-0009	PMD STD 0.06 x 0.6	0.060		12,200			
140-0010	PMD STD 0.065 x 0.7	0.065		12,200			
140-0011	PMD STD 0.07 x 0.7	0.070		10,900			
140-0012	PMD STD 0.075 x 0.8	0.075		10,900			
140-0013	PMD STD 0.08 x 0.8	0.080		9,600			
140-0014	PMD STD 0.085 x 0.9	0.085		9,600			
140-0015	PMD STD 0.09 x 0.9	0.090		8,300			
140-0016	PMD STD 0.095 x 1.0	0.095		8,300			
140-0017	PMD STD 0.1 X 1.0	0.100		7,000			

## P Series Drill Features

Ultra-precision drill that utilizes the technology cultivated with PCB drills.

All sizes with diameter tolerance 0/-0.003 and shank diameter tolerance h4 can be used with shrink-fit holders.



$\phi 0.03$  Drill



$\phi 0.03$  Drill

$\phi 0.5\text{mm}$  Mechanical pencil

- $\phi 3\text{mm}$  Shank V Series
- UDC-PCD Series
- CBN Series
- Square
- Long Neck Square
- Radius
- Long Neck Radius
- Taper Neck Radius
- Ball / Long Shank Ball
- Long Neck Ball
- Taper Neck Ball
- Taper
- Barrel
- Spiral V Cutter
- Drill
- Technical Data